

Figure - Customer and Unauthorized User Choose Seat use case diagram

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| **USE CASE SPECIFICATION** | | | |
| **Use-case No.** |  | **Use-case Version** |  |
| **Use-case Name** | Customer and Unauthorized User Choose Seat | | |
| **Author** | Nguyen Ngoc Son | | |
| **Date** | 31/1/2013 | **Priority** | Normal |
| **Actor:**  Customer, Unauthorized User  **Summary:**  Customer and Unauthorized User choose seat after search trip  **Goal:**  It helps customer and unauthorized user choose seat  **Triggers**  Customer and unauthorized user select one bus after search.  **Preconditions:**  The page is fully loaded.  **Post Conditions:**  Success:   * Seat will change color to green when user select a seat if it available. * Seat will change color to white when user deselect a seat selected. * Seat with red color can’t select and will display error message when user select that seat. * Redirect to page provide booker’s info after click button “Tiếp Tục”   Failure: System displays error message. Content of error message will be specified in Exception section.  **Main Success Scenario:**   |  |  | | --- | --- | | Actor Actions | System Response | | 1. Choose Bus   3. Click seats.  5. Click “Tiếp Tục” button to submit view | 2. Display a seats map   * Green seats : selected seats * Orange seats : not available seats * White seats : available seats * Submit [“Tiếp Tục”: button] * Back [“Quay Lại”: button]   4. Change selected seat color   * If available change color to green * If not available show error message * If that seat is selected deselect and change color to white   6. Redirect to page provide booker’s info |   **Alternative Scenario:**   |  |  | | --- | --- | | Ator Actions | System Response | | [Alternative 1]  1. User clicks on “Quay Lại” button. | 2. Back to search result page. |   **Exceptions:**   |  |  | | --- | --- | | Actor Actions | System Response | | [Exception 1]  1. Expiring 15 minutes count from time user select bus. | 2. Display message: “Hết thời gian chọn chỗ vui lòng chọn lại chuyến đi” |   **Relationships:**  Login, Create reservation  **Business Rules:**  The user can only select seat in 15 minutes after select bus. | | | |

Table : Customer and Unauthorized User Choose Seat Use Case Specification

<to be added>

Figure 15- Customer and Unauthorized User Choose Seat

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| **No.** | **Name** | **Description** |
| **1** | Seat Map | Display the all seats status in bus selected |
| **2** | Submit – button (Tiếp Tục) | Continue to provide booker’s info page |
| **3** | Back – button (Quay lại) | Cancel booking and back to page search result |

Table 17: Customer and Unauthorized User Choose Seat’s Control



Figure - Customer and Unauthorized User Provide info use case diagram

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| **USE CASE SPECIFICATION** | | | |
| **Use-case No.** |  | **Use-case Version** |  |
| **Use-case Name** | Customer and Unauthorized User Provide Info | | |
| **Author** | Nguyen Ngoc Son | | |
| **Date** | 31/1/2013 | **Priority** | Normal |
| **Actor:**  Customer, Unauthorized User  **Summary:**  Customer and Unauthorized User provide info after select seats to create a reservation  **Goal:**  It helps customer and unauthorized provide info.  **Triggers**  After Customer and unauthorized user select seats and click button “Tiếp Tục”.  **Preconditions:**  The page is fully loaded.  Select seats.  **Post Conditions:**  Success:   * Create reservation with status is active and save to database * Redirect to payment page   Failure: System displays error message. Content of error message will be specified in Exception section.  **Main Success Scenario:**   |  |  | | --- | --- | | Actor Actions | System Response | | 1. Choose Seats then click button “Tiếp Tục”   3. Click “Hoàn Tất” button to submit view. | 2. Display a form to provide booker’s info   * Booker’s First Name [“Họ”: input text ] * Booker’s Last Name [“Tên”: input text ] * Booker’s Mobile Phone [“Điện thoại di động”: input text ] * Booker’s E-mail [“E-mail”: input text ] * Submit [“Hoàn Tất”: Button] * Back [“Quay Lại”: Button]   4. Save reservation and redirect to page payment |   **Alternative Scenario:**   |  |  | | --- | --- | | Ator Actions | System Response | | [Alternative 1]  1. User clicks on “Quay Lại” button. | 2. Back to choose seat page. |   **Relationships:**  Login, Create reservation  **Business Rules:**  The unauthorized user and customer must provide info to create reservation. | | | |

Table : Customer and Unauthorized User Provide Info Use Case Specification

<to be added>

Figure 15- Customer and Unauthorized User Choose Seat

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| **No.** | **Name** | **Description** |
| **1** | First Name - input – text (Họ) | Input for first name |
| **2** | Last Name - input – text (Tên) | Input for last name |
| **3** | Mobile Phone - input – text (Điện thoại di động) | Input for mobile phone number |
| **4** | Email – input – text | Input for email |
| **5** | Submit – button (Hoàn Tất) | Save reservation with status active and redirect to payment page |
| **6** | Back – button (Quay Lại) | Back to page choose seat |

Table 17: Customer and Unauthorized User Choose Seat’s Control